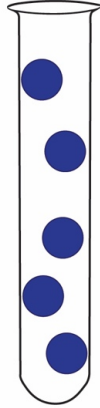


Density Understanding

1. Using the center test tube as a reference, draw in molecules so that this test tube is less dense.



2. Using the center test tube as a reference, draw in molecules so that this test tube is more dense.



3. Cold water is more dense than warm water. Using the test tube to the right, draw and label warm water (in red) and cold water (in blue). Make sure they are layered properly, with the less dense liquid on top.



4. Saltwater has additional molecules and therefore is more dense than freshwater. Using the test tube to the right, draw and label saltwater (in red) and freshwater (in blue). Make sure they are layered properly, with the less dense liquid on top.



5. Both temperature and salinity affect density, but which has a stronger effect. Please explain.